

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

Listing of Claims

1. (Previously Presented) A molding die apparatus for obtaining a unitary molded disc-shaped product by injecting molten resin into a cavity formed when closing a set of dies, the molding die apparatus comprising:

a vacuum apparatus including a vacuum tank disposed within said die apparatus in close proximity to said cavity and circumferentially above said cavity, wherein air and/or fluid inside said cavity is exhausted directly by said vacuum apparatus without passing through any vacuum lines or conduits.

2. (Currently Amended) The molding die apparatus according to claim 1, further comprising:

exhaustion means for exhausting in a short period of time,

wherein said vacuum apparatus communicates with a circumferential portion of said cavity through said exhaustion means.

3. (Original) The molding die apparatus according to claim 2, wherein said vacuum apparatus includes a valve mechanism for controlling open and close of passage between said vacuum tank and said exhaustion channel.

4. (Original) The molding die apparatus according to claim 1, wherein said vacuum tank has volume capacity at least larger than a total volume capacity of said cavity plus said exhaustion channel.

5. (Canceled)

6. (Canceled)